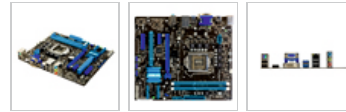




P8H77-M LE

Precision power tuning and ultimate graphics on H77

- ASUS DIGI+VRM :- Digital power control: digital power Design for the CPU and iGPU
- GPU Boost: Instant iGPU Level Up!
- USB3.0 Boost : Lightning Fast Transfer Speeds!
- Lucid Virtu MVP : Up to 60% Hybrid Graphics Boost
- Network iControl : Real-time Regulate Network Bandwidth



Specifications

Specifications

CPU	<p>Intel® Socket 1155 for 3rd/2nd Generation Core™ i7/Core™ i5/Core™ i3/Pentium®/Celeron® Processors</p> <p>Supports Intel® 22 nm CPU</p> <p>Supports Intel® 32 nm CPU</p> <p>Supports Intel® Turbo Boost Technology 2.0</p> <p>* The Intel® Turbo Boost Technology 2.0 support depends on the CPU types.</p> <p>* Refer to www.asus.com for CPU support list</p>
Chipset	Intel® H77
Memory	<p>2 x DIMM, Max. 16GB, DDR3 2200(O.C.)/2133(O.C.)/2000(O.C.)/1866(O.C.)/1800(O.C.)/1600/1333 MHz Memory Dual Channel Memory Architecture</p> <p>* 1600MHz and higher frequency is supported by Intel® 3rd generation processors.</p> <p>* Refer to www.asus.com or user manual for the Memory QVL (Qualified Vendors Lists).</p> <p>* Due to OS limitation, when installing total memory of 4GB capacity or more, Windows® 32-bit operation system may only recognize less than 3GB. Install a 64-bit Windows® OS when you want to install 4GB or more memory on the motherboard.</p> <p>* Due to the CPU behavior, DDR3 2133/1866MHz memory module will run at DDR3 2000/1800MHz frequency as default.</p>
Graphic	<p>Integrated Graphics Processor</p> <p>Multi-VGA output support : HDMI/DVI/RGB ports</p> <ul style="list-style-type: none"> - Supports HDMI with max. resolution 1920 x 1200 @ 60 Hz - Supports DVI with max. resolution 1920 x 1200 @ 60 Hz - Supports RGB with max. resolution 2048 x 1536 @ 75 Hz
Multi-GPU Support	Supports LucidLogix® Virtu™ MVP Technology* ¹
Expansion Slots	<p>1 x PCIe 3.0/2.0 x16</p> <p>1 x PCIe 2.0 x4</p> <p>1 x PCIe 2.0 x1</p> <p>1 x PCI</p>
Storage	<p>Intel® H77 chipset :</p> <p>2 x SATA6Gb/s port(s), gray</p> <p>4 x SATA3Gb/s port(s), blue</p> <p>Support Raid 0, 1, 5, 10</p> <p>Supports Intel® Smart Response Technology, Intel® Rapid Start Technology, Intel® Smart Connect Technology* ³</p>
LAN	Realtek® 8111F, 1 x Gigabit LAN Controller(s)
Audio	<p>Realtek® ALC887 8-Channel High Definition Audio CODEC</p> <p>- Supports : Jack-detection, Multi-streaming, Front Panel Jack-retasking</p>
USB Ports	<p>Intel® H77 chipset :</p> <p>4 x USB 3.0 port(s) (2 at back panel, blue, 2 at mid-board)</p>

USB Ports	Intel® H77 chipset : 10 x USB 2.0 port(s) (4 at back panel, black, 6 at mid-board)
Special Features	ASUS EPU : - EPU ASUS Digital Power Design : - ASUS DIGI+ VRM Utility GPU Boost ASUS Exclusive Features : - MemOK! - Anti-Surge - ASUS UEFI BIOS EZ Mode featuring friendly graphics user interface - USB 3.0 Boost ASUS Quiet Thermal Solution : - ASUS Fan Xpert ASUS EZ DIY : - ASUS CrashFree BIOS 3 - ASUS EZ Flash 2 - ASUS MyLogo 2 100%All High-quality Conductive Polymer Capacitors
Back I/O Ports	1 x PS/2 keyboard/mouse combo port(s) 1 x DVI 1 x D-Sub 1 x HDMI 1 x LAN (RJ45) port(s) 2 x USB 3.0 4 x USB 2.0 3 x Audio jack(s)
Internal I/O Ports	1 x USB 3.0 connector(s) support(s) additional 2 USB 3.0 port(s) 3 x USB 2.0 connector(s) support(s) additional 6 USB 2.0 port(s) 2 x SATA6Gb/s connector(s) 4 x SATA3Gb/s connector(s) 1 x CPU Fan connector(s) 1 x Chassis Fan connector(s) 1 x S/PDIF out header(s) 1 x 24-pin EATX Power connector(s) 1 x 8-pin ATX 12V Power connector(s) 1 x Front panel audio connector(s) (AAFP) 1 x Internal speaker connector(s) 1 x System panel(s) 1 x Chassis Intrusion connector(s)
BIOS	64Mb Flash ROM, AMI BIOS, PnP, DMI v2.0, WfM2.0, SMBIOS v2.5, ACPI v2.0a
Manageability	WOL, PXE, PME Wake Up
Form Factor	uATX Form Factor 9.6 inch x 8.2 inch (24.4 cm x 20.8 cm)
Note	*1: LucidLogix Virtu MVP supports Windows 7 operating systems. *2: Due to Intel® chipset limitation, P8Z77, P8H77 and P8B75 series motherboards do not support Windows® Vista operating system. *3: Supports on Intel® Core™ processor family with Windows 7 operating systems.

The product (electrical , electronic equipment, Mercury-containing button cell battery) should not be placed in municipal waste. Check local regulations for disposal of electronic products.

All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.

PCB color and bundled software versions are subject to change without notice.

Brand and product names mentioned are trademarks of their respective companies.